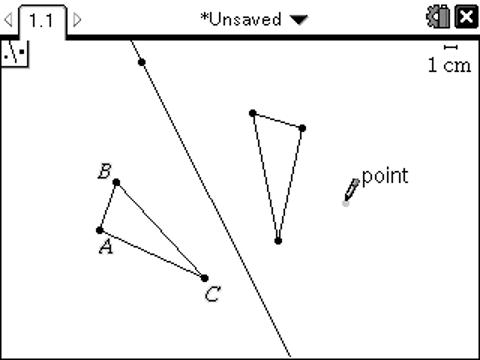
***DOING* TRANSFORMATIONS**

**1. *Doing* Reflections**

-Construct a triangle on the left side of the screen (MENU/Shapes/Triangle)

-Construct a line that does not intersect (MENU/Points & Lines/Line)

-Reflect over the line (MENU/Transformations/Reflection)

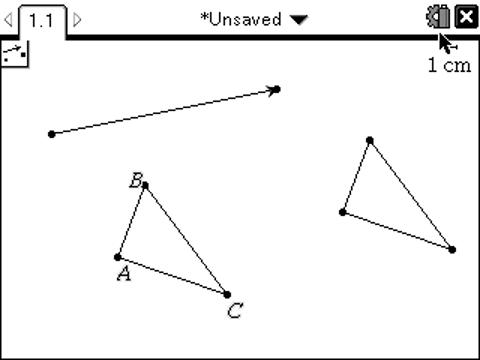


**2. *Doing* Translations**

-Construct a triangle on the left side of the screen

-Construct a vector in the upper part of the screen (MENU/Points & Lines/Vector)

-Translate by the vector (MENU/Transformations/Translation)



**3. *Doing* Rotations**

-Construct a triangle on the right side of the screen

-Construct a point near the middle of the screen (MENU/Points & Lines/Point)

-Using the TEXT tool, create the number 120 in a text box (MENU/Actions/Text)

-Rotate around the point using the number (MENU/Transformations/Rotation)



**4. *Doing* Dilations**

-Construct a triangle in the upper right corner of the screen

-Construct a point near the middle of the screen

-Using the TEXT tool, create the number .5 in a text box (MENU/Actions/Text)

-Dilate toward the point using the number (MENU/Transformation/Dilate).

